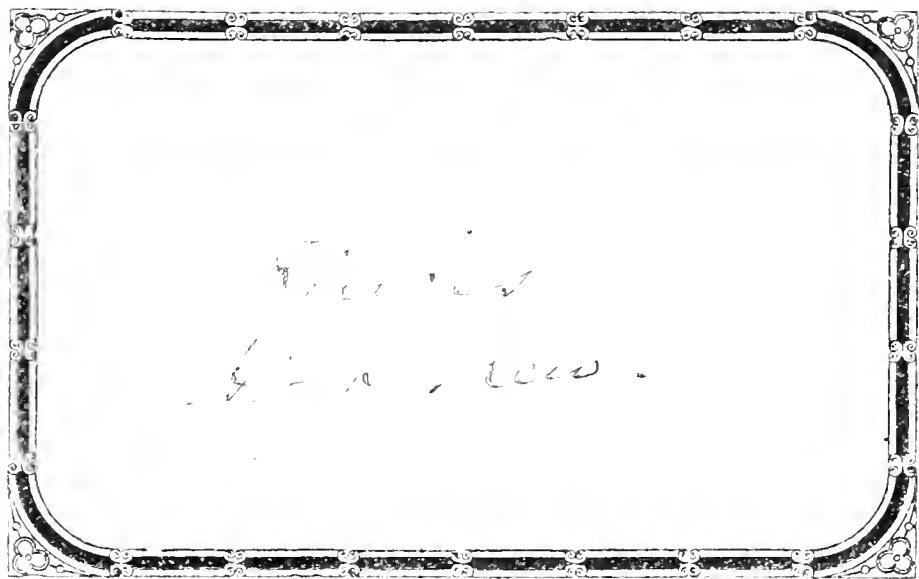


Fern Track's  
Smith

J. Smith

Fern cult at  
Kew 1856.



552/35 ; 635  
6m





1856 3

# Catalogue

OF THE

## FERNS IN THE ROYAL GARDENS OF KEW.

PREPARED BY MR. J. SMITH, CURATOR,

*For the purpose of Exchange with other Gardens.*

### POLYPODIACEÆ, Br.

#### TRIBE POLYPODIEÆ.

|  |              |
|--|--------------|
| POLYPODIUM, <i>J. Sm.</i> , <i>L.</i> (in part). |              |
| pectinatum, <i>L.</i> . . . . .                  | Trop. Am.    |
| Schkuhrii, <i>Radd.</i> . . . . .                | Brazil.      |
| vulgare, <i>L.</i> . . . . .                     | Europe, etc. |
| Karwinskianum, <i>Braun</i>                      | Mexico.      |
| appendiculatum, <i>Linden</i>                    | Mexico?      |
| plebejum, <i>Schlecht.</i> . . .                 | Mexico.      |
| fraternum, <i>Schlecht.</i> . . .                | Mexico.      |
| subpetiolatum, <i>Hook.</i> . . .                | Mexico.      |

#### LEPICYSTIS, *J. Sm.*

|   |            |
|---|------------|
| ( <i>Marginaria</i> , Pr.; <i>Polypodium</i> , Auct.) |            |
| incana . . . . .                                      | Trop. Am.  |
| sepulta . . . . .                                     | Brazil.    |
| squamata . . . . .                                    | W. Indies. |

#### GONIOPHLEBIUM, *J. Sm.*

|   |             |
|---|-------------|
| ( <i>Marginaria</i> et <i>Polypodium</i> , Auct.) |             |
| loriceum . . . . .                                | Trop. Am.   |
| Catharinæ . . . . .                               | Brazil.     |
| harpeodes . . . . .                               | Brazil.     |
| colpodes . . . . .                                | Venezuela.  |
| albopunctatum . . . . .                           | Brazil.     |
| deflexum . . . . .                                | Brazil.     |
| meniscifolium . . . . .                           | Brazil.     |
| subauriculatum, <i>Presl</i> .                    | Malay Arch. |
| argutum . . . . .                                 | E. Indies.  |
| verrucosum . . . . .                              | Malacca.    |
| dissimile . . . . .                               | Jamaica.    |
| inæquale (Phlebodium,<br><i>Moore</i> ) . . . . . | Guatemala.  |

#### PHLEBODIUM, *Br.*, *J. Sm.*

|   |           |
|---|-----------|
| ( <i>Chrysopteris</i> , <i>Lk.</i> , <i>Fée</i> ; <i>Polypodium</i> ,<br>Auct.) |           |
| aureum, <i>Br.</i> . . . . .  | Trop. Am. |

|                                     |           |
|-------------------------------------|-----------|
| sporodocarpum, <i>J. Sm.</i> . .    | Trop. Am. |
| pulvinatum, <i>J. Sm.</i> . . . .   | Trop. Am. |
| dictyocallis, <i>J. Sm.</i> . . . . | Trop. Am. |

#### LOPHOLEPIS, *J. Sm.*

|   |            |
|---|------------|
| ( <i>Marginariae</i> sp., <i>Presl</i> ; <i>Craspedariæ</i><br>sp., <i>Link</i> ; <i>Polypodii</i> sp., <i>L.</i> ) |            |
| vacciniifolia . . . . .   | Brazil.    |
| piloselloides . . . . .   | W. Indies. |
| serpens . . . . .   | W. Indies. |

#### PLEOPELTIS, *Hum.*

|   |            |
|---|------------|
| ( <i>Pleopeltidis</i> sp., <i>Presl</i> ; <i>Polypodii</i><br>sp., <i>Auct.</i> ) |            |
| lycopodioides, <i>Link</i> . . .  | W. Indies. |
| squamulosa, <i>J. Sm.</i> . . .   | Brazil.    |
| nitida . . . . .  | Honduras.  |
| venosa . . . . .  | Trop. Am.  |
| percussa . . . . .  | Trop. Am.  |

#### DICTYMA, *J. Sm.*

|   |              |
|---|--------------|
| ( <i>Polypodii</i> sp., <i>R. Br.</i> ) |              |
| attenuata . . . . .                     | N. S. Wales. |

#### NIPHOPSIS, *J. Sm.*, *MSS.*

|   |            |
|---|------------|
| ( <i>Niphoboli</i> sp., <i>Hook. et Gr.</i> ) |            |
| sphærocephala . . . . .                       | E. Indies. |

#### DRYMOGLOSSUM, *Presl.*

|                         |            |
|-------------------------|------------|
| piloselloides . . . . . | E. Indies. |
|-------------------------|------------|

#### NEVRODIUM, *Fée.*

|  |            |
|--|------------|
| ( <i>Drymoglossi</i> sp., <i>J. Sm.</i> ; <i>Tænitis</i> ,<br><i>Sw.</i> ) |            |
| lanceolatum . . . . .  | W. Indies. |

#### HYMENOLEPIS, *Klf.*

|   |  |
|---|--|
| ( <i>Acrostichi</i> sp., <i>L.</i> , <i>Sm.</i> ) |  |
|---|--|

|                                  |             |
|----------------------------------|-------------|
| spicata, <i>J. Sm.</i> . . . . . | Malay Arch. |
|----------------------------------|-------------|

LEPTOCHILUS, *Klf.*

(*Acrostichi* sp., Cav., Willd.)  
decurrens, *Blume* . . . . . { Ceylon,  
Mal. Arch.

PHYMATODES, *Presl*, *J. Sm.*

(*Drynariæ* §, *Phymatodis* sp., *J. Sm.*;  
*Polypodii* sp., L. et Auct.; *Pleopeltidis* sp., *Hook.*)

\* *Phymatodes vera*.

nuda . . . . . E. Indies.  
contigua . . . . . E. Indies.  
iteaphylla . . . . . Brazil.  
pustulata . . . . . New Zeal.  
Billardieri . . . . . New Zeal.  
vulgaris . . . . . Tropics, etc.  
longissima . . . . . Malay Arch.  
cuspidata . . . . . E. Indies.

\*\* *Pleuridium*.

juglandifolia . . . . . E. Indies.  
venusta . . . . . North India.  
palmata . . . . . Java.

\*\*\* *Phylltidis*.

crassifolia . . . . . Trop. Am.  
irioides . . . . . { E. Indies,  
Australia.  
membranacea . . . . . E. Indies.

NIPHOBOLUS, *Klf.*

rupestris, *Spr.* . . . . . Australia.  
pertusus, *Spr.* . . . . . E. Indies.  
Lingua, *Spr.* . . . . . E. Indies.  
acrostichoides, *Spr.* . . . . . E. Indies.

CAMPYLONEURUM, *Presl.*

(*Cyrtophlebium*, Br., *J. Sm.*)

angustifolium . . . . . Jamaica.  
rigidum, *J. Sm.* . . . . . Trop. Am.  
Phylltidis . . . . . W. Indies.  
repens . . . . . Jamaica.  
nitidum . . . . . W. Indies.  
decurrens . . . . . Brazil.

DRYNARIA, *Bory*, *J. Sm.*

(*Polypodii* sp., Auct.)

diversifolia . . . . . { E. Indies.  
Australia.  
quercifolia . . . . . E. Indies.  
coronans . . . . . E. Indies.  
morbillosa . . . . . Malay Arch.  
propinqua . . . . . E. Indies.

DRYOSTACHIUM, *J. Sm.*

splendens . . . . . Malay Arch.

VITTARIA, *Sm.*

lineata . . . . . Trop. Am.  
zosteræfolia, *Willd.* . . . Mauritus.

ANTROPHYUM, *Klf.*

lanceolatum . . . . . W. Indies.  
Cayennense, *Spr.* . . . . . Trop. Am.

CERATOPTERIS, *Brongn.*

thalictroides . . . . . Tropics.

STRUTHIOPTERIS, *Willd.*

Germanica . . . . . Germany.  
Pennsylvanica . . . . . N. America.

PHEGOPTERIS, *Fée*, *J. Sm.*

(*Polypodii* sp., Auct.)

hastæfolia . . . . . Jamaica.  
alpestris . . . . . Europe.  
decussata . . . . . W. Indies.  
lachnopoda . . . . . Jamaica.  
macroptera . . . . . Brazil.  
ampla . . . . . Martinique.  
divergens . . . . . W. Indies.  
effusa . . . . . W. Indies.  
trichodes . . . . . Malay Arch.  
submarginalis . . . . . Brazil?  
polypodioides (Polypodi-  
um *Phegopteris*, L.) Europe.  
Dryopteris . . . . . Europe.  
calcarea . . . . . Europe.  
aurita (Gymnogr., *Hook.*) E. Indies.  
rugulosa . . . . . { Australia,  
New Zeal.

HYPOLEPIS, *Bernh.*

repens, *Presl* . . . . . W. Indies.  
tenuifolia . . . . . { Australia,  
New Zeal.

GYMNOGRAMME, *Desv.*

§ *Neurogramme*, *J. Sm.*, *Lk.*

rufa . . . . . Trop. Am.  
tomentosa . . . . . Trop. Am.  
ferruginea, *Kze.* . . . . . Venezuela.

§ *Ceropteris*, *J. Sm.*, *Link.*

Calomelanos, *Klf.* . . . . . Trop. Am.  
tartarea . . . . . Trop. Am.  
ochracea, *Presl* . . . . . Trop. Am.  
L'Herniinieri, *Bory* . . . . . Guadeloupe.  
chrysophylla, *Klf.* . . . . . W. Indies.  
Martensii, *Bory* . . . . . Trop. Am.  
sulphurea . . . . . W. Indies.  
pulchella, *Lind. Cat.* . . . . . Venezuela.

§ *Anogramme*, *J. Sm.*

leptophylla . . . . . S. Eur. etc.  
chærophylla . . . . . Trop. Am.

§ *Pleurosorus*, *J. Sm.*, *Fée.*

rutæfolia, *Hook. et Gr.* . . . Australia.

CONIOGRAMME, *Fée.*

(*Gymnogrammis* sp., *Blume.*)

Javanica . . . . . Java.

LEPTOGRAMME, *J. Sm.*

(*Gymnogrammis* sp., Auct.)

asplenoides . . . . . Trop. Am.

Linkiana . . . . . Brazil.

totta . . . . . { S. Africa,  
Madeira.





|                     |            |
|---------------------|------------|
| rupestris . . . . . | Trop. Am.  |
| villosa . . . . .   | Venezuela. |
| attenuata . . . . . | Jamaica.   |

HEMIONITIS, *L.*

|                                 |            |
|---------------------------------|------------|
| cordata, <i>Roxb.</i> . . . . . | E. Indies. |
| palmata . . . . .               | W. Indies. |

GONOPTERIS, *Presl.*

|   |            |
|---|------------|
| asplenoides . . . . .                     | W. Indies. |
| scolopendrioides, <i>J. Sm.</i> . . . . . | W. Indies. |
| crenata . . . . .                         | W. Indies. |
| tetragona . . . . .                       | W. Indies. |
| serrulata, <i>J. Sm.</i> . . . . .        | Jamaica.   |
| fraxinifolia . . . . .                    | W. Indies. |
| prolifera, <i>J. Sm.</i> . . . . .        | E. Indies. |
| refracta, <i>J. Sm.</i> . . . . .         | Brazil.    |

MENISCUM, *Schreb.*

|                                   |           |
|-----------------------------------|-----------|
| simplex, <i>Hook.</i> . . . . .   | China.    |
| reticulatum, <i>Sw.</i> . . . . . | Trop. Am. |

## TRIBE ACROSTICHEÆ.

|   |  |
|---|--|
| PŒCILOPTERIS, <i>Eschw.</i> , <i>Presl.</i>   |  |
| ( <i>Cyrtogonium</i> , <i>J. Sm.</i> ; <i>Campium</i> , <i>Presl.</i> ;<br><i>Acrostichi sp.</i> , <i>Auct.</i> ) |  |

|                        |            |
|------------------------|------------|
| flagellifera . . . . . | E. Indies. |
| crispatula . . . . .   | Ceylon.    |
| repanda . . . . .      | Ceylon.    |

GYMNOPTERIS, *Bernh.*, *Presl.*( *Acrostichi sp.*, *Auct.* )

|                          |            |
|--------------------------|------------|
| nicotianæfolia . . . . . | W. Indies. |
|--------------------------|------------|

STENOSEMIA, *Presl.*( *Polybotryæ sp.*, *Blume.* )

|                  |       |
|------------------|-------|
| aurita . . . . . | Java. |
|------------------|-------|

SOROMANES, *Fée.*

|   |            |
|---|------------|
| ( <i>Polybotrya</i> , § <i>Soromanes</i> , <i>Klotzsch.</i> ) |            |
| serratifolium . . . . .                                       | Venezuela. |

POLYBOTRYA, *H.B.K.*

|                      |           |
|----------------------|-----------|
| osmundacea . . . . . | Trop. Am. |
|----------------------|-----------|

LOMARIOPSIS, *Fée.*

|  |  |
|--|--|
| ( <i>Stenochlænæ sp.</i> , <i>J. Sm.</i> ; <i>Acrostichi sp.</i> ,<br><i>Auct.</i> ) |  |
|--|--|

|  |            |
|--|------------|
| sorbifolia . . . . .                             | W. Indies. |
| longifolia, (Lomaria,<br><i>Klf.</i> ) . . . . . | Trop. Am.  |

OLFERSIA, *Presl.*

|                   |           |
|-------------------|-----------|
| cervina . . . . . | Trop. Am. |
|-------------------|-----------|

HYMENODIUM, *Fée.*

|   |  |
|---|--|
| ( <i>Dictyoglossum</i> , <i>J. Sm.</i> , <i>Acrostichi sp.</i> ,<br><i>L.</i> ) |  |
|---|--|

|                    |           |
|--------------------|-----------|
| erinitum . . . . . | Trop. Am. |
|--------------------|-----------|

ACROSTICHUM, *L.*, *J. Sm.*( *Chrysodium*, *Fée.* )

|                  |          |
|------------------|----------|
| aureum . . . . . | Tropics. |
|------------------|----------|

PLATYCYERIUM, *Desv.*( *Acrostichi sp.*, *Auct.* )

|                                 |                             |
|---------------------------------|-----------------------------|
| alcicorne . . . . .             | { E. Indies,<br>Australia.  |
| Stemmaria . . . . .             | West Africa.                |
| grande, <i>J. Sm.</i> . . . . . | { Malay Arc.,<br>Australia. |

## ELAPHOGLOSSUM.

( *Olfersiæ sp.*, *Presl*; *Acrostichi sp.*,  
*Fée et Auct.* )

|                             |                         |
|-----------------------------|-------------------------|
| conforme . . . . .          | S. Africa.              |
| callæfolium . . . . .       | Malay Islds.            |
| longifolium . . . . .       | Trop. Am.               |
| latifolium . . . . .        | Trop. Am.               |
| scolopendrifolium . . . . . | Brazil.                 |
| muscosum . . . . .          | { Madeira,<br>Trop. Am. |
| lepidotum . . . . .         | Trop. Am.               |
| microlepis . . . . .        | Venezuela.              |
| frigidum . . . . .          | Trop. Am.               |

## TRIBE PTERIDEÆ.

NOTHOLÆNA, *Br.*

|                                      |            |
|--------------------------------------|------------|
| tenera, <i>Gill.</i> . . . . .       | Chili.     |
| nivea, <i>Desv.</i> . . . . .        | Chili.     |
| trichomanoides, <i>Br.</i> . . . . . | Trop. Am.  |
| rufa, <i>Presl.</i> . . . . .        | Trop. Am.  |
| lanuginosa, <i>Desv.</i> . . . . .   | S. Europe. |
| vestita, <i>J. Sm.</i> . . . . .     | North Am.  |
| tomentosa, <i>Desv.</i> . . . . .    | Mexico.    |
| laevis, <i>Galeotti</i> . . . . .    | Mexico.    |
| sinuata, <i>Klf.</i> . . . . .       | Mexico.    |
| Eckloniana, <i>Kunze</i> . . . . .   | S. Africa. |
| Marantæ, <i>Br.</i> . . . . .        | S. Europe. |
| lendigera, <i>J. Sm.</i> . . . . .   | Trop. Am.  |
| myriophylla, <i>J. Sm.</i> . . . . . | Trop. Am.  |

CHEILANTHES, *Sw.*, *J. Sm.*

|  |                            |
|--|----------------------------|
| micropteris, <i>Sw.</i> , <i>Link.</i> . . . . . | Quito.                     |
| viscosa, <i>Link.</i> . . . . .                  | Mexico.                    |
| fragrans, <i>Sw.</i> . . . . .                   | S. Europe.                 |
| micromera, <i>Link</i> . . . . .                 | Mexico.                    |
| Alabamensis, <i>Kunze</i> . . . . .              | North Am.                  |
| microphylla, <i>Sw.</i> . . . . .                | W. Indies.                 |
| tenuifolia, <i>Sw.</i> . . . . .                 | { E. Indies,<br>Australia. |
| profusa, <i>Link</i> . . . . .                   | S. Africa.                 |
| Preissiana, <i>Kunze</i> . . . . .               | Australia.                 |
| radiata, <i>J. Sm.</i> . . . . .                 | W. Indies.                 |
| farinosa, <i>Hook. et Gr.</i> . . . . .          | { E. Indies,<br>Mexico.    |
| spectabilis, <i>Klf.</i> . . . . .               | Brazil.                    |

CRYPTOGRAMMA, *Br.*

|                              |         |
|------------------------------|---------|
| crispa, <i>Br.</i> . . . . . | Europe. |
|------------------------------|---------|

PELLEA, *Link.*

(*Platyloma* sp., *J. Sm.*; *Pteridis* sp.,  
Auct.)

|  |                            |
|--|----------------------------|
| geraniifolia . . . . .                     | { E. Indies,<br>Polynesia. |
| intramarginalis, <i>J. Sm.</i>             | Mexico.                    |
| atropurpurea . . . . .                     | North Am.                  |
| Calomelanos . . . . .                      | Mexico.                    |
| flexuosa . . . . .                         | Mexico.                    |
| cordata . . . . .                          | Trop. Am.                  |
| hastata . . . . .                          | S. Africa.                 |
| adiantoides, <i>J. Sm.</i> ( <i>Bory</i> ) | S. Africa.                 |

PLATYLOMA, *J. Sm.* (in part).

(*Pteridis* sp., Auct.)

|                        |                           |
|------------------------|---------------------------|
| falcata . . . . .      | { Australia,<br>New Zeal. |
| rotundifolia . . . . . | New Zeal.                 |
| Brownii . . . . .      | Australia.                |

ADIANTUM, *L.*

|   |                            |
|---|----------------------------|
| reniforme . . . . .                       | Madeira.                   |
| caudatum, <i>Burm.</i> . . . . .          | E. Indies.                 |
| obliquum, <i>Willd.</i> . . . . .         | Trop. Am.                  |
| lucidum, <i>Sw.</i> . . . . .             | Trop. Am.                  |
| macrophyllum, <i>Sw.</i> . . . . .        | Trop. Am.                  |
| intermedium, <i>Sw.</i> . . . . .         | Brazil.                    |
| pulverulentum . . . . .                   | Trop. Am.                  |
| trapeziforme . . . . .                    | Trop. Am.                  |
| cristatum . . . . .                       | Trop. Am.                  |
| curvatum, <i>Klf.</i> . . . . .           | Brazil.                    |
| cultratum, <i>J. Sm.</i> . . . . .        | Trop. Am.                  |
| tenerum, <i>Sw.</i> . . . . .             | W. Indies.                 |
| hispidulum, <i>Sw.</i> . . . . .          | { E. Indies,<br>Australia. |
| setulosum, <i>J. Sm.</i> . . . . .        | Norfolk Isld.              |
| affine, <i>Willd.</i> . . . . .           | New Zeal.                  |
| pedatum . . . . .                         | North Am.                  |
| formosum, <i>Br.</i> . . . . .            | { Australia,<br>New Zeal.  |
| flabellatum . . . . .                     | E. Indies.                 |
| Capillus-Veneris . . . . .                | Europe, etc.               |
| concinnum, <i>Willd.</i> . . . . .        | Trop. Am.                  |
| Æthiopicum . . . . .                      | S. Africa.                 |
| cuneatum, <i>Langs. et Fis.</i> . . . . . | Brazil.                    |
| assimile, <i>Sw.</i> . . . . .            | Australia.                 |
| fulvum, <i>Raoul</i> . . . . .            | New Zeal.                  |

DORYOPTERIS, *J. Sm.*

(*Pteridis* sp., Auct.)

|                        |           |
|------------------------|-----------|
| sagittæfolia . . . . . | Brazil    |
| pedata . . . . .       | Trop. Am. |

ONYCHIUM, *Klf.*

|                                |            |
|--------------------------------|------------|
| lucidum, <i>Spr.</i> . . . . . | E. Indies. |
|--------------------------------|------------|

PTERIS, *L.* (in part).

|                               |            |
|-------------------------------|------------|
| longifolia . . . . .          | Tropics.   |
| Cretica . . . . .             | Eur., etc. |
| umbrosa, <i>Br.</i> . . . . . | Australia. |
| crenata, <i>Sw.</i> . . . . . | E. Indies. |
| serulata . . . . .            | E. Indies. |

|                                      |                          |
|--------------------------------------|--------------------------|
| heterophylla . . . . .               | Jamaica.                 |
| semipinnata . . . . .                | E. Indies.               |
| pungens . . . . .                    | Trinidad.                |
| felosma, <i>J. Sm.</i> . . . . .     | Jamaica.                 |
| sulcata, <i>Link</i> . . . . .       | Brazil.                  |
| lacinata, <i>Willd.</i> . . . . .    | W. Indies.               |
| arguta, <i>Vahl</i> . . . . .        | S. Eur., etc.            |
| Kingiana, <i>Endl.</i> . . . . .     | Norfolk Isld.            |
| quadriaurita, <i>Retz.</i> . . . . . | E. Indies.               |
| flabellata, <i>Thunb.</i> . . . . .  | S. Africa.               |
| tremula, <i>Br.</i> . . . . .        | { Australia,<br>N. Zeal. |
| lata, <i>Link</i> . . . . .          | Brazil.                  |
| aquilina . . . . .                   | Eur., etc.               |
| scaberula, <i>A. Rich.</i> . . . . . | New Zeal.                |

LITOBROCHIA, *Presl.*

(*Pteris*, *L.* et Auct.; *Campteria* (in part), *Presl.*

|   |                           |
|---|---------------------------|
| grandifolia . . . . .                       | Trop. Am.                 |
| biaurita ( <i>Campteria</i> , <i>Pr.</i> )  | W. Indies.                |
| nemoralis ( <i>Campteria</i> , <i>Pr.</i> ) | Tropics.                  |
| denticulata . . . . .                       | Brazil.                   |
| leptophylla . . . . .                       | Brazil.                   |
| polita . . . . .                            |                           |
| tripartita . . . . .                        | Trop. Am.                 |
| macroptera . . . . .                        | Brazil.                   |
| vespertilionis . . . . .                    | { Australia,<br>New Zeal. |

LONCHITIS, *L.*

|                  |            |
|------------------|------------|
| aurita . . . . . | W. Indies. |
|------------------|------------|

TRIBE BLECHNEÆ, *J. Sm.*BLECHNUM, *L.*

|                                       |            |
|---------------------------------------|------------|
| Brasiliense, <i>Desv.</i> . . . . .   | Brazil.    |
| triangulare, <i>Link</i> . . . . .    | Trop. Am.  |
| australe, <i>L.</i> . . . . .         | S. Africa. |
| hastatum, <i>Klf.</i> . . . . .       | Chili.     |
| gracile, <i>Klf.</i> . . . . .        | Brazil.    |
| Lanceola, <i>Sm.</i> . . . . .        | Brazil.    |
| trifoliatum, <i>Klf.</i> . . . . .    | Brazil.    |
| intermedium, <i>Link</i> . . . . .    | Brazil.    |
| longifolium, <i>Humb.</i> . . . . .   | Trop. Am.  |
| occidentale, <i>L.</i> . . . . .      | Trop. Am.  |
| striatum, <i>Br.</i> . . . . .        | Australia. |
| serrulatum, <i>A. Rich.</i> . . . . . | Trop. Am.  |
| orientale, <i>L.</i> . . . . .        | E. Indies. |

DOODIA, *Br.*

|                                  |            |
|----------------------------------|------------|
| aspera . . . . .                 | Australia. |
| caudata . . . . .                | Australia. |
| media . . . . .                  | Australia. |
| lunulata . . . . .               | New Zeal.  |
| blechnoides, <i>A. Cunn.</i> . . | Australia. |
| dives, <i>Kunze</i> . . . . .    | Java.      |

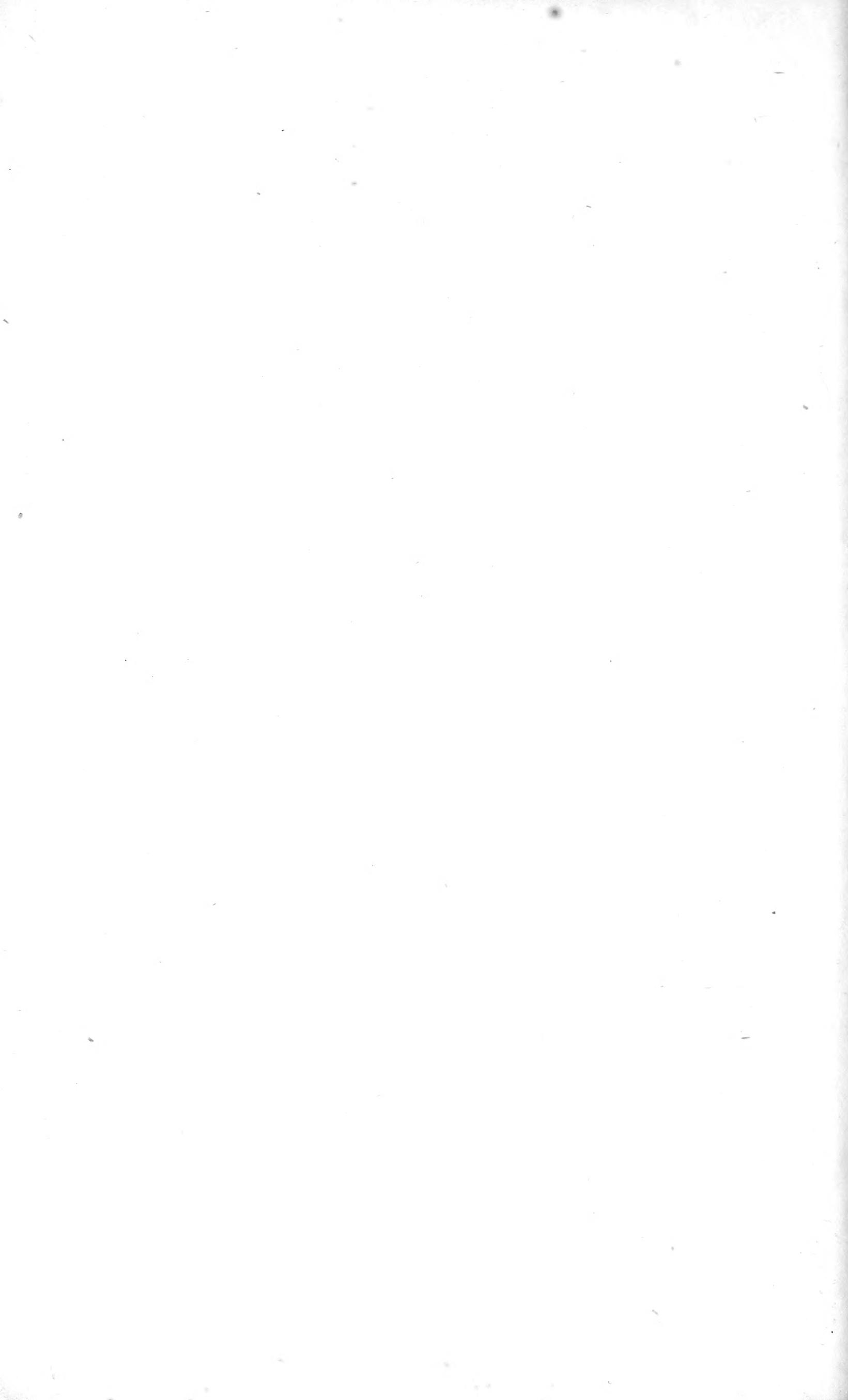
LOMARIA, *Willd.*

|                                  |           |
|----------------------------------|-----------|
| Patersoni, <i>Spr.</i> . . . . . | Tasmania. |
|----------------------------------|-----------|









|  |  |
|--|--|
| lanceolata, <i>Spr.</i> . . . . .        | { Tasmania.<br>New Zeal.               |
| alpina, <i>Spr.</i> . . . . .            | { Tasmania,<br>New Zeal.,<br>Magellan. |
| Spicant, <i>Desv.</i> . . . . .          | { Europe,<br>North Am.                 |
| Banksii, <i>Hook. fil.</i> . . . . .     | New Zeal.                              |
| nuda, <i>Willd.</i> . . . . .            | Tasmania.                              |
| falcata, <i>Spr.</i> . . . . .           | Tasmania.                              |
| discolor, <i>Willd.</i> . . . . .        | New Zeal.                              |
| onocleoides, <i>Spr.</i> . . . . .       | Jamaica.                               |
| Capensis, <i>Schlecht.</i> . . . . .     | S. Africa.                             |
| procera, <i>Spr.</i> . . . . .           | { Australia,<br>New Zeal.              |
| tuberculata, <i>J. Sm.</i> . . . . .     | Java?                                  |
| Gilliesii, <i>Hook. et Gr.</i> . . . . . | Chili.                                 |
| Magellanica, <i>Desv.</i> . . . . .      | Magellan.                              |

BRAINEA, *J. Sm.*( *Bowringia*, *Hook.* )

|                    |                        |
|--------------------|------------------------|
| insignis . . . . . | { Hongkong,<br>Kasiya. |
|--------------------|------------------------|

WOODWARDIA, *Sm.*

|                    |                                   |
|--------------------|-----------------------------------|
| radicans . . . . . | { S. Europe,<br>N. India,<br>etc. |
|--------------------|-----------------------------------|

ANCHISTEA, *Presl.*( *Woodwardiæ* sp., Auct. )

|                     |           |
|---------------------|-----------|
| Virginica . . . . . | North Am. |
|---------------------|-----------|

LORINSORIA, *Presl.*

|   |  |
|---|--|
| ( <i>Woodwardiæ</i> sp., Auct.; <i>Acrostichum</i> ,<br>L.) |  |
|---|--|

|                                   |           |
|-----------------------------------|-----------|
| areolata, <i>Presl.</i> . . . . . | North Am. |
|-----------------------------------|-----------|

STENOCHLENA, *J. Sm.* (in part).

|                     |            |
|---------------------|------------|
| Meyeriana . . . . . | S. Africa. |
|---------------------|------------|

TRIBE ASPLENIEÆ, *J. Sm.*ASPLENIUM, *L.*

|                                     |              |
|-------------------------------------|--------------|
| serratum, <i>L.</i> . . . . .       | Trop. Am.    |
| crenulatum, <i>Presl.</i> . . . . . | Brazil.      |
| Hemionitis, <i>L.</i> . . . . .     | S. Europe.   |
| oligophyllum, <i>Klf.</i> . . . . . | Brazil.      |
| lucidum, <i>Forst.</i> . . . . .    | New Zeal.    |
| obtusatum, <i>Forst.</i> . . . . .  | Tasmania.    |
| obliquum, <i>Forst.</i> . . . . .   | Polynesia.   |
| compressum, <i>Sw.</i> . . . . .    | St. Helena.  |
| obtusifolium, <i>L.</i> . . . . .   | W. Indies.   |
| lætum, <i>Sw.</i> . . . . .         | Trop. Am.    |
| marinum, <i>L.</i> . . . . .        | Europe, etc. |
| macilentum, <i>Kunze</i> . . . . .  | Trop. Am.    |
| bissectum, <i>Sw.</i> . . . . .     | Jamaica.     |
| pumilum, <i>Sw.</i> . . . . .       | W. Indies.   |
| dentatum, <i>L.</i> . . . . .       | W. Indies.   |
| pulchellum, <i>Radd.</i> . . . . .  | Brazil.      |
| alatum, <i>Humb.</i> . . . . .      | Trop. Am.    |

|   |                            |
|---|----------------------------|
| Trichomanes, <i>L.</i> . . . . .              | Europe, etc.               |
| ebenum, <i>Ait.</i> . . . . .                 | North Am.                  |
| monanthemum, <i>L.</i> . . . . .              | { S. Africa,<br>Mexico.    |
| viride, <i>Huds.</i> . . . . .                | Europe.                    |
| formosum, <i>Willd.</i> . . . . .             | Trop. Am.                  |
| cyrtopteron, <i>Kunze</i> . . . . .           | Venezuela.                 |
| reclinatum, <i>Moore et Houlst.</i> . . . . . | St. Helena.                |
| brachypteron, <i>Kunze</i> . . . . .          | W. Africa.                 |
| fontanum, <i>Br.</i> . . . . .                | Europe.                    |
| cicutarium, <i>Sm.</i> . . . . .              | Trop. Am.                  |
| viviparum, <i>J. Sm.</i> . . . . .            | Mauritius.                 |
| rhizophyllum, <i>J. Sm.</i> . . . . .         | Trop. Am.                  |
| radicans, <i>Sw.</i> . . . . .                | Jamaica.                   |
| flaccidum, <i>Forst.</i> . . . . .            | New Zeal.                  |
| appendiculatum, <i>Br.</i> . . . . .          | Tasmania.                  |
| bulbiferum, <i>Forst.</i> . . . . .           | New Zeal.                  |
| Belangeri, <i>Kunze</i> . . . . .             | Java.                      |
| bifidum, <i>Klf.</i> . . . . .                | Mauritius.                 |
| Serra, <i>Langs. et Fisch.</i> . . . . .      | Trop. Am.                  |
| lineatum, <i>Sw.</i> . . . . .                | Mauritius.                 |
| falcatum, <i>Sw.</i> . . . . .                | Tropics.                   |
| polyodon, <i>Forst.</i> . . . . .             | New Zeal.                  |
| macrophyllum, <i>Sw.</i> . . . . .            | Mauritius.                 |
| zamiæfolium, <i>Willd.</i> . . . . .          | Venezuela.                 |
| præmorsum, <i>Sw.</i> . . . . .               | { Madeira,<br>Trop. Am.    |
| furcatum, <i>Sw.</i> . . . . .                | { S. Africa.               |
| cuneatum, <i>Sw.</i> . . . . .                | { India.                   |
| nitidum, <i>Sw.</i> . . . . .                 | { S. Africa,<br>E. Indies. |
| septentrionale, <i>Sw.</i> . . . . .          | { Europe,<br>N. India.     |
| alternifolium, <i>Wulf.</i> . . . . .         | Europe.                    |
| Ruta-muraria, <i>L.</i> . . . . .             | Europe.                    |
| lanceolatum, <i>Huds.</i> . . . . .           | Europe, etc.               |
| Adiantum-nigrum, <i>L.</i> . . . . .          | Europe, etc.               |
| acutum, <i>Willd.</i> . . . . .               | Madeira.                   |
| fragrans, <i>Sw.</i> . . . . .                | Jamaica.                   |
| Mexicanum, <i>Mart. et Gal.</i> . . . . .     | Mexico.                    |
| auritum, <i>Sw.</i> . . . . .                 | Trop. Am.                  |
| dispersum, <i>Kunze</i> . . . . .             | Trop. Am.                  |
| Filix-fœmina, <i>L.</i> . . . . .             | Europe.                    |
| Michauxii, <i>Spr.</i> . . . . .              | North Am.                  |
| setulosum, <i>Wall.</i> . . . . .             | Nepal.                     |
| umbrosum, <i>J. Sm.</i> . . . . .             | Madeira.                   |
| axillare, <i>J. Sm.</i> . . . . .             | Madeira.                   |
| Brownii, <i>J. Sm.</i> . . . . .              | Australia.                 |
| angustifolium, <i>Mich.</i> . . . . .         | North Am.                  |
| decurtatum, <i>Link</i> . . . . .             | Brazil.                    |

DIPLAZIUM, *Sw.*, *J. Sm.*

|   |            |
|---|------------|
| plantagineum, <i>L.</i> . . . . .           | Trop. Am.  |
| grandifolium, <i>Sm.</i> . . . . .          | Jamaica.   |
| celtidifolium, <i>Kunze</i> . . . . .       | Venezuela. |
| acuminatum, <i>Presl</i> . . . . .          | Ceylon.    |
| Shepheardi, <i>Presl</i> . . . . .          | Jamaica.   |
| decussatum (Aspl., <i>Wall.</i> ) . . . . . | E. Indies. |
| thelypteroides, <i>Presl</i> . . . . .      | North Am.  |
| pubigerum, <i>J. Sm.</i> . . . . ?          |            |

striatum, *Presl* . . . . . Trop. Am.  
 brevisorum, *J. Sm.* . . . . . Jamaica.  
 arborescens, *Sw.* . . . . . St. Helena.  
 sylvaticum, *Sw.* . . . . . Ceylon.

**SCOLOPENDRIUM, *Sm.***  
 officinarum, *Sm.* . . . . . Europe.  
 Krebsii, *Kunze* . . . . . Natal.

**ANTIGRAMMA, *Presl.***  
 rhizophylla, *J. Sm.* . . . . . North Am.

**NEOTTOPTERIS, *J. Sm.***  
 Nidus . . . . . E. Indies.  
 Australasica . . . . . Australia.  
 stipitata . . . . . E. Indies.

**HEMIDICTYUM, *Presl.***  
 marginatum . . . . . Trop. Am.

**CALLIPTERIS, *Bory, J. Sm.***  
 prolifera . . . . . Mauritius.  
 Malabarica . . . . . E. Indies.

**CETERACH, *Willd., J. Sm.***  
 officinarum, *Willd.* . . . . Europe, etc.

**TRIBE *ASPIDIEÆ, J. Sm.***

**HYPODERRIS, *Br.***  
 Brownii, *J. Sm.* . . . . . Trinidad.

**ASPIDIUM, *Sw.* (in part), *Schott.***  
 (*Sagenia*, *Presl.*)  
 trifoliatum, *Sw.* . . . . . Trop. Am.  
 ebenum, *J. Sm.* . . . . . Mauritius.  
 macrophyllum, *Sw.* . . . . . Trop. Am.  
 decurrens, *Presl* . . . . . Ceylon.  
 repandum, *Willd* . . . . . Malay Arc.  
 coadunatum, *Wall.* . . . . . Ceylon.  
 cicutarium, *Sw.* . . . . . {  
Jamaica,  
Sandwich  
Islands.

**ONOCLEA, *L.***  
 sensibilis . . . . . North Am.

**CYCLODIUM, *Presl.***  
 confertum . . . . . Guiana.

**FADYENIA, *Hook. et Gr.***  
 prolifera . . . . . Jamaica.

**NEPHRODIUM, *Schott.***  
 unitum, *Br.* . . . . . Tropics.  
 terminans, *J. Sm.* . . . . . E. Indies.  
 molle, *Br.* . . . . . Tropics.  
 venustum, *Hew.* . . . . . Jamaica.  
 articulatum, *J. Sm.* . . . . . Ceylon.  
 Hookeri, *Wall.* . . . . . E. Indies.  
 patens, *J. Sm.* . . . . . Demerara.

| WOODSIA, Br.                               |                     |
|--|---------------------|
| Ilvensis, Br.                              | Europe.             |
| hyperborea, Br.                            | { Europe,<br>N. Am. |
| obtusa, Hook.                              | North Am.           |
| mollis, J. Sm.                             | Mexico.             |
| CYSTOPTERIS, Bernh.                        |                     |
| tenuis, Schott.                            | North Am.           |
| bulbifera, Bernh.                          | North Am.           |
| fragilis, Bernh.                           | Europe, etc.        |
| alpina, Desv.                              | Europe.             |
| montana, Link                              | Europe.             |
| LASTREA, Presl, J. Sm.                     |                     |
| Thelypteris, Presl                         | Europe.             |
| decurrans, J. Sm.                          | China.              |
| Oreopteris, Presl                          | Europe.             |
| chrysoloba, Presl                          | Brazil.             |
| invisa, Presl                              | Jamaica.            |
| augescens, J. Sm.                          | Cuba.               |
| patens, Presl                              | Trop. Am.           |
| podophylla, Hook. (Aspid. Sieboldi, Hort.) | China.              |
| cristata, Presl                            | Europe.             |
| Lancastriense, J. Sm.                      | North Am.           |
| Filix-mas, Presl                           | Europe.             |
| rigida, Presl                              | Europe.             |
| elongata, Presl                            | Madeira.            |
| Goldiana, Presl                            | North Am.           |
| marginalis, Presl                          | North Am.           |
| dilatata, Presl                            | Europe.             |
| spinulosa, Presl                           | Europe.             |
| æmula, J. Sm.                              | Madeira,            |
| intermedia, Presl                          | North Am.           |
| glabella, J. Sm.                           | New Zeal.           |
| decomposita, J. Sm.                        | Australia.          |
| pubescens, Presl                           | Jamaica.            |
| atro-virens, J. Sm.                        | ?                   |
| recedens, J. Sm.                           | Ceylon.             |
| elegans, J. Sm.                            | Ceylon?             |
| pilosissima, J. Sm.                        | W. Africa.          |
| villosa, Presl                             | Jamaica.            |
| hirta, Presl                               | Jamaica.            |
| eburnea, J. Sm.                            | E. Indies.          |
| POLYSTICHUM, Roth (in part), Schott.       |                     |
| acrostichoides, Schott                     | North Am.           |
| falcinellum, Presl                         | Madeira.            |
| mucronatum, Presl                          | Jamaica.            |
| Lonchitis, Roth                            | Europe, etc.        |
| aculeatum, Roth                            | Europe.             |
| lobatum, Presl                             | Europe.             |
| angulare, Presl                            | Europe.             |
| proliferum, J. Sm.                         | Tasmania.           |
| vestitum, Presl                            | New Zeal.           |
| Capense                                    | S. Africa.          |
| coriaceum, Roth                            | E. Indies.          |
| frondosum, J. Sm.                          | Madeira.            |
| aristatum, Presl                           | Norfolk Isld.       |
| coniifolium, Presl                         | Ceylon.             |





CYCLOPELTIS, *J. Sm.*semicordata, *J. Sm.* . . . W. Indies.NEPHROLEPIS, *Schott.*

pectinata, *J. Sm.* . . . . Trop. Am.  
 undulata, *J. Sm.* . . . . W. Africa.  
 tuberosa, *Presl* . . . . E. Indies.  
 exaltata, *Schott* . . . . Trop. Am.  
 ensifolia, *Presl* . . . . Trop. Am.  
 hirsutula, *Presl* . . . . E. Indies.  
 davallioides, *J. Sm.* . . . . Malay Arc.

DIDYMOCHLÆNA, *Desv.*

truncatula, *J. Sm.* . . . .  $\begin{cases} \text{Malay Arc.} \\ \text{Trop. Am.} \end{cases}$

ARTHROPTERIS, *J. Sm.*

(Aspidii sp., Willd.)

albo-punctata, *J. Sm.* . . . Bourbon.  
 ? filipes, *T. Moore* . . . . New Zeal.

OLEANDRA, *Cav.*

nodosa, *Presl* . . . . Trop. Am.  
 neriiformis, *Cav.* . . . .  $\begin{cases} \text{E. Indies,} \\ \text{Trop. Am.} \end{cases}$

## TRIBE DICKSONIEÆ.

§ LINDSÆÆ, *J. Sm.*LINDSÆA, *Dry.*Guianensis, *Dry.* . . . . Guiana.SCHIZOLOMA, *Gaud.*

ensifolia, *J. Sm.* . . . .  $\begin{cases} \text{E. Indies,} \\ \text{Australia.} \end{cases}$

DICTYOXIPHIUM, *Hook.*Panamense, *Hook.* . . . . Panama.§ DAVALLIEÆ, *J. Sm.*HUMATA, *Cav.*

pedata, *J. Sm.* . . . .  $\begin{cases} \text{E. Indies,} \\ \text{Malay Arc.} \end{cases}$

DAVALLIA, *Sw.*

pentaphylla, *Blume* . . . Malay Arc.  
 ornata, *Wall.* . . . .  
 solida, *Sw.* . . . . . Malay Arc.  
 pyxidata, *Br.* . . . . . Australia.  
 elegans, *Sw.* . . . . . Malay Arc.  
 divaricata, *Blume* . . . . Malay Arc.  
 dissecta, *J. Sm.* . . . . Malay Arc.  
 bullata, *Wall.* . . . . E. Indies.  
 Canariensis, *Willd.* . . . . Canaries.  
 Lindleyi, *Hook.* (D. atten-  
 nuata, *Hort.*) . . . . ?

LEUCOSTEGIA, *Presl, J. Sm.*

(Davallia sp., Auct.)

immersa . . . . . E. Indies.  
 chærophylla . . . . . E. Indies.

MICROLEPIA, *Presl, J. Sm.*

(Davallia sp., Auct.)

cristata, *J. Sm.* . . . . . Malay Arc.  
 platyphylla, *J. Sm.* . . . . E. Indies.  
 hirta, *Presl* . . . . . E. Indies.  
 polypodioides, *Presl* . . . . Malay Arc.  
 Novæ-Zelandiæ, *J. Sm.* . . New Zeal.

DEPARIA, *Hook. et Grev.*

prolifera . . . . . Sandwich I.

TRICHIOCARPA, *J. Sm.*(Deparia, § Trichiocarpa, Hook.)  
 Moorii . . . . . N. Caledonia.§ TRICHOMANEÆ, *J. Sm.*TRICHOMANES, *L.*

radicans, *Sw.* . . . . .  $\begin{cases} \text{Ireland, E.} \\ \text{and W. In-} \\ \text{dies, etc.} \end{cases}$   
 crispum, *Sw.* . . . . . W. Indies.

HYMENOPHYLLUM, *Sm.*Tunbridgense, *Sm.*Wilsoni, *Hook.*§ DICKSONIEÆ, *J. Sm.*SITOLOBIUM, *Desv., J. Sm., Bernh.*

(Dicksonia sp., Auct.)

punctilobum . . . . . North Am.  
 adiantoides, *J. Sm.* . . . . Trop. Am.  
 davallioides . . . . . Australia.  
 rubiginosum . . . . . Brazil.

BALANTIUM, *Klf.*

Culcita . . . . .  $\begin{cases} \text{Madeira,} \\ \text{Trop. Am.} \end{cases}$

DICKSONIA, *L' Hérit.*

arborescens, *L' Hérit.* . . . St. Helena.  
 antarctica, *Labill.* . . . . Australia.  
 squarrosa, *Sw.* . . . . . New Zeal.  
 lanata, *Colenso* . . . . . New Zeal.

CIBOTIUM, *Klf.*

Barometz, *J. Sm.* . . . . China.  
 Schiedei, *Schlecht.* . . . . Mexico.

THYRSOPTERIS, *Kunze.*

elegans . . . . . Juan Endz.

TRIBE CYATHEÆ, *J. Sm.*HEMITELIA, *Br.*

speciosa, *Klf.* . . . . . Venezuela.  
 grandiflora, *Spr.* . . . . Trop. Am.  
 horrida, *Br.* . . . . . Trop. Am.

CYATHEA, *Sm.*

canaliculata, *Willd.* . . . Mauritius.  
 excelsa, *Sm.* . . . . . Mauritius.

|                         |            |
|-------------------------|------------|
| serra, <i>Willd.</i>    | W. Indies. |
| arborea, <i>Sm.</i>     | W. Indies. |
| elegans, <i>Hew.</i>    | W. Indies. |
| aculeata, <i>Willd.</i> | Jamaica.   |

|                                       |
|---------------------------------------|
| ALSOPHILA, <i>Br.</i> , <i>J. Sm.</i> |
| Capensis, <i>J. Sm.</i>               |

|                          |            |
|--------------------------|------------|
| Hostmanni, <i>J. Sm.</i> | Guiana.    |
| aspera, <i>Br.</i>       | Trop. Am.  |
| australis, <i>Br.</i>    | Australia. |

LOPHOSORIA, *Kunze*.

|   |
|---|
| ( <i>Alsophilæ</i> sp., <i>J. Sm.</i> ) |
| pruinata, <i>Kunze</i>                  |

GLEICHENIACEÆ, *Br.*

|                        |
|------------------------|
| GLEICHENIA, <i>Br.</i> |
| microphylla            |
| dicarpa                |

|            |            |
|------------|------------|
| flabellata | Australia. |
| Speluncæ   | Australia. |

SCHIZÆACEÆ, *Mart.*

|                              |
|------------------------------|
| LYGODIUM, <i>Sm.</i>         |
| palmatum, <i>Sw.</i>         |
| scandens, <i>Sw.</i>         |
| flexuosum, <i>Sw.</i>        |
| Japonicum, <i>Sw.</i>        |
| articulatum, <i>A. Rich.</i> |

LYGODICTYON, *J. Sm.*

|                                      |
|--------------------------------------|
| ( <i>Lygodii</i> sp., <i>Auct.</i> ) |
| Forsteri                             |

|                    |
|--------------------|
| ANEMIA, <i>Sw.</i> |
| hirta              |
| hirsuta            |
| adiantifolia       |

|   |
|---|
| ANEMIDICTYON, <i>J. Sm.</i> , <i>Presl.</i> |
| ( <i>Anemiæ</i> sp., <i>Auct.</i> )         |

|            |           |
|------------|-----------|
| Phylltidis | Trop. Am. |
|------------|-----------|

|                        |
|------------------------|
| MOHRIA, <i>Sm.</i>     |
| thurifraga, <i>Sw.</i> |

OSMUNDACEÆ, *Mart.*

|                    |
|--------------------|
| OSMUNDA, <i>L.</i> |
| cinnamomea         |
| Claytoniana        |
| regalis            |

|                         |            |
|-------------------------|------------|
| spectabilis             | North Am.  |
| TODEA, <i>Willd.</i>    |            |
| Africana, <i>Willd.</i> | S. Africa. |
| rivularis, <i>Sieb.</i> | Australia. |
| pellucida, <i>Car.</i>  | New Zeal.  |

MARATTIACEÆ, *Klf.*

|   |
|---|
| MARATTIA, <i>Sm.</i>                    |
| alata, <i>Sm.</i>                       |
| cicutaeifolia, <i>Klf.</i>              |
| elegans, <i>Endl.</i>                   |
| Ascensionis, <i>J. Sm.</i> , <i>MS.</i> |
| cristata, <i>J. Sm.</i> , <i>MS.</i>    |

|                                |
|--------------------------------|
| ANGIOPTERIS, <i>Hoffm.</i>     |
| evecta, <i>Hoffm.</i>          |
| Teysmanniana, <i>De Vriese</i> |



